

REMARKS/ARGUMENTS

Status of the Application

Prior to the entry of this amendment, claims 1-17 were pending in this application. The Office Action rejected claim 17 under 35 U.S.C. § 112, first paragraph, for failing to comply with the written description requirement, rejected claims 14 and 16 under 35 U.S.C. § 112, second paragraph, and rejected claims 1-16 under 35 U.S.C. § 102(a) as being anticipated by the reference authored by Ozbek, Hoteit and Dunitru, titled *3-D Filter Design on a Hexagonal Grid with Applications to Point-Receiver Land Acquisition*, published in the SEG International Exposition and 74th Annual Meeting, Denver, Colorado, pages 1965-1968, 10-15 October 2004 (hereinafter "the Ozbek reference").

The present amendment amends claim 1 and cancels claims 14 and 17. Therefore, claims 1-13, 15 and 16 are presented for examination in this amendment. Reconsideration of the claim rejections is respectfully requested.

35 U.S.C. § 112 Rejections

In response to the Office Action, Applicants have canceled claims 14 and 17, thereby addressing the Section 112 rejections of these claims as well as the rejection of claim 16 for being a duplicate of claim 14.

Section 102 Rejections

The Office Action rejected claims 1-16 under 35 U.S.C. § 102(a) as being anticipated by the Ozbek reference. Applicants respectfully submit that the Ozbek reference is not prior art with respect to the present application since the Ozbek reference is a publication dating from October 10-15, 2004 and the present application has a priority date of January 9, 2004, the date on which the priority patent application (GB Patent No.2 409 899) was filed. The present patent application being a national phase entry into the United States from PCT Application No. WO2005/066661, which application claims priority from GB Patent No.2 409 899.

Consequently, Applicants respectfully request that the Section 102 rejection of pending claims 1-13, 15 and 16 as be withdrawn.

CONCLUSION

In view of the foregoing, Applicant believes all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

In the event that a fee or refund is due in connection with this Amendment, the Commissioner is hereby authorized to charge any underpayment or credit any overpayment to Deposit Account No 19-0615. If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at (617)768-2421.

Respectfully submitted,

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